

Application No. 10/713,569
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Amendment to the Claims

This listing of Claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently amended) An apparatus for producing a cigarette, the apparatus comprising:

- (i) means for supplying a formed cigarette rod;
- (ii) means for rotating ~~that~~ the cigarette rod about its longitudinal axis in a controlled manner, said means for rotating comprising a transfer drum and a cooperating laser cam; and
- (iii) means for applying a predetermined pattern of ~~the~~ an additive material to at least one predetermined region of the cigarette rod as the cigarette rod is rotated.

2. (Original) The apparatus of Claim 1, wherein the means for applying a predetermined pattern of the additive material comprises at least one application means.

3. (Canceled)

4. (Currently amended) An apparatus for producing a filtered cigarette, the apparatus comprising:

- (i) means for supplying a two-up filtered cigarette rod having two smokable rods and a filter element of double length therebetween;

(ii) means for rotating that the two-up filtered cigarette rod about its longitudinal axis in a controlled manner, said means for rotating comprising a transfer drum and a cooperating laser cam; and

(iii) means for applying a predetermined pattern of the an additive material to at least one predetermined region of each smokable rod as the cigarette rod is rotated.

5. (Original) The apparatus of Claim 4, wherein the means for applying a predetermined pattern of the additive material comprises at least one application means.

6. (Canceled)

7. (Currently amended) A method for producing a cigarette having additive material applied thereto, the method comprising:

(i) supplying a formed cigarette rod;

(ii) rotating that the cigarette rod in a controlled manner about its longitudinal axis using a transfer drum and a cooperating laser cam; and

(iii) applying a predetermined pattern of the an additive material to at least one predetermined region of the smokable cigarette rod as that the cigarette rod is rotated.

8. (Original) The method of Claim 7, wherein the predetermined pattern of the additive material is applied using at least one application means.

9. (Canceled)

10. (Currently amended) A method for producing a filtered cigarette having additive material applied thereto, the method comprising:

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- (i) supplying a two-up filtered cigarette rod having two smokable rods and a filter element of double length therebetween;
- (ii) rotating that the two-up filtered cigarette rod in a controlled manner about its longitudinal axis using a transfer drum and a cooperating laser cam; and
- (iii) applying a predetermined pattern of the an additive material to at least one predetermined region of each smokable rod as the two-up filtered cigarette rod is rotated.

11. (Original) The method of Claim 10, wherein the predetermined pattern of the additive material is applied using at least one application means.

12. (Canceled)

13. (Original) The method of Claim 10, wherein the predetermined pattern is a band circumscribing the cigarette rod.

14. (Currently amended) The method of Claim 12 10, wherein the at least one predetermined region is at a portion of the each smokable rod positioned over a circumferential groove in the transfer drum.

15. (Currently amended) A method for producing a filtered cigarette having additive material applied thereto, the method comprising:

- (i) supplying a two-up filtered cigarette rod having two smokable rods and a filter element of double length therebetween;
- (ii) rotating the two-up filtered cigarette rod in a controlled manner about its longitudinal axis;

(iii) applying a predetermined pattern of an additive material to at least one predetermined region of each smokable rod as the two-up filtered cigarette rod is rotated; and

(iv) The method of Claim 10, further comprising laser perforating the filter element concurrently with applying the predetermined pattern.

16. (New) A method for producing a filtered cigarette having additive material applied thereto, the method comprising:

(i) supplying a two-up filtered cigarette rod having two smokable rods and a filter element of double length therebetween;

(ii) rotating the two-up filtered cigarette rod in a controlled manner about its longitudinal axis; and

(iii) applying a predetermined pattern of an additive material to at least one predetermined region of each smokable rod as the two-up filtered cigarette rod is rotated, wherein the at least one predetermined region is at a portion of each smokable rod positioned over a circumferential groove in a transfer drum.

17. (New) The method of Claim 7, wherein the at least one predetermined region is at a portion of the cigarette rod positioned over a circumferential groove in the transfer drum.

18. (New) The method of Claim 7, further comprising laser perforating the cigarette rod concurrently with applying the predetermined pattern.

19. (New) The apparatus of Claim 2, wherein said at least one application means comprises a nozzle-type applicator, a printing-type applicator, or a wiping-type applicator.

20. (New) The apparatus of Claim 5, wherein said at least one application means comprises a nozzle-type applicator, a printing-type applicator, or a wiping-type applicator.

21. (New) An apparatus for producing a cigarette, the apparatus comprising:

- (i) means for supplying a formed cigarette rod;
- (ii) means for rotating the cigarette rod about its longitudinal axis in a controlled manner;
- (iii) means for applying a predetermined pattern of an additive material to at least one predetermined region of the cigarette rod as the cigarette rod is rotated; and
- (iv) means for laser perforating the cigarette rod concurrently with applying the predetermined pattern.

22. (New) The apparatus of Claim 21, wherein the means for rotating comprises a transfer drum having at least one circumferential groove, and the means for applying is adapted to apply the predetermined pattern on the at least one predetermined region, wherein the at least one predetermined region is positioned over the circumferential groove.

23. (New) An apparatus for producing a filtered cigarette, the apparatus comprising:

- (i) means for supplying a two-up filtered cigarette rod having two smokable rods and a filter element of double length therebetween;
- (ii) means for rotating the two-up filtered cigarette rod about its longitudinal axis in a controlled manner;

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(iii) means for applying a predetermined pattern of an additive material to at least one predetermined region of each smokable rod as the cigarette rod is rotated; and

(iv) means for laser perforating the filter element concurrently with applying the predetermined pattern.

24. (New) The apparatus of Claim 23, wherein the means for rotating comprises a transfer drum having at least one circumferential groove, and the means for applying is adapted to apply the predetermined pattern on the at least one predetermined region, wherein the at least one predetermined region is positioned over the circumferential groove.